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File: USPT

Mar 10, 1998

US-PAT-NO: 5727135

DOCUMENT-IDENTIFIER: US 5727135 A

TITLE: Multiple printer status information indication

DATE-ISSUED: March 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
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APPL-NO: 8/ 691631 [PALM]

DATE FILED: August 2, 1996

PARENT-CASE:

This Application is a continuation of 08/409,563 filed Mar. 23, 1995 abandoned.

INT-CL: [6] G06 K 15/00

US-CL-ISSUED: 395/113; 395/114

US-CL-CURRENT: 358/1.14; 358/1.15

FIELD-OF-SEARCH: 395/113, 395/112, 395/114, 395/101, 395/970, 395/965, 395/966, 395/185.1, 395/184.01, 395/185.01, 395/183.22, 395/339, 395/329, 355/203, 355/204, 355/205, 355/206, 355/207, 358/406, 358/437, 358/404, 358/407, 347/19, 370/449, 345/117

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5075875</u>	December 1991	Love et al.	395/117
<input type="checkbox"/>	<u>5084875</u>	January 1992	Weinberger et al.	355/205
<input type="checkbox"/>	<u>5164842</u>	November 1992	Gauronski et al.	358/401
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<input type="checkbox"/>	<u>5303336</u>	April 1994	Kageyama et al.	395/114
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<input type="checkbox"/>	<u>5353388</u>	October 1994	Motoyama	395/117
<input type="checkbox"/>	<u>5361265</u>	November 1994	Weinberger et al.	355/205
<input type="checkbox"/>	<u>5371837</u>	December 1994	Kimber et al.	395/114
<input type="checkbox"/>	<u>5438528</u>	August 1995	Emerson et al.	364/580

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 575 168 A1	December 1993	EPX	
9411804	May 1994	WOX	

OTHER PUBLICATIONS

Frank Hayes; "The Printers Talk Back"; Dec. 1993; pp. 1-5.
HP JetDirect Network Interface Configuration Guide, Hewlett-Packard Manual Part No. J2371-90001, 1993, pp. iv-ix and Section 2 Software Installation and Configuration for Novell Netware Networks, pp. 2-2 through 2-18.
HP JetDirect EX External Network Interface Configuration Guide, Hewlett-Packard Manual Part No. J2382-90101, 1993, pp. 7-12 and Section 2, Novell NetWare Networks, pp. 2-2 through 2-36.
Lexmark WinWriter 600 User's Reference, Manual No. SA40-0779-00, 1993, Chapter 2 Using the Windows Printing System, pp. 11-26 and Chapter 3 Checking Print Status, pp. 27-39.
Network Printing Alliance Protocol, A Printer/Host Control Specification, Level 1, Revision N, Feb. 11, 1994, Developed By The Network Printing Alliance.

ART-UNIT: 266

PRIMARY-EXAMINER: Coles, Sr.; Edward

ASSISTANT-EXAMINER: Popovici; Dov

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ABSTRACT:

Bidirectional communications between a host computer and a selected printer connected to the host, either locally or by way of a network, are used to provide a user of the host with access to a substantially real-time, visual and functional replica of the operator panel of the selected printer. A user at the host computer may also visually monitor the status of multiple printers at the same time from the same host display.

15 Claims, 10 Drawing figures

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